

AUG 8 1966

UNITED STATES DEPARTMENT OF AGRICULTURE

Parks DU 8-3977
Clark DU 8-4026

Washington, Aug. 4, 1966

USDA to Sponsor Screwworm Research in Mexico:

The physiology, behavior, and other characteristics of the screwworm fly which may help in developing attractants will be studied in Mexico by scientists of the Instituto Nacional de Investigaciones Agricolas under a cooperative agreement with the U.S. Department of Agriculture.

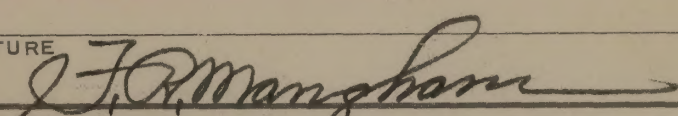
Scientists of USDA's Agricultural Research Service at Kerrville, Texas, will work closely with their Mexican counterparts in evaluating and developing attractants for this serious livestock pest. ARS technical representative is William C. McDuffie.

Under the agreement, USDA will provide \$15,000 during the next 2 years as its share of the research costs. Scientists will attempt to develop additional methods for controlling or eradicating the screwworm in Mexico.

Both the U.S. and Mexico have cooperated in fighting screwworms since 1962, when a program was started to eradicate the insect from the southwestern U.S. To prevent migration of the insect from Mexico into free areas of the U.S., sterile screwworm flies have been released over northern Mexico for the past 4 years. These flies mate with native flies, and no offspring are produced -- thus reducing populations of this insect.

Last summer, U.S. and Mexican scientists began a year-long study of the nature of the screwworm problem in Mexico. Results indicate that screwworms exist throughout most of Mexico, with particularly heavy concentrations in coastal areas.

U.S. and Mexican livestock producers have urged that the battle against screwworms be extended throughout Mexico on a cooperative basis to further protect freed areas in the U.S. and reduce damage caused by the insect to Mexican livestock.

U. S. DEPARTMENT OF AGRICULTURE AGRICULTURAL RESEARCH SERVICE		AUTHORIZATION	1. AUTHORIZATION NO. 33-319
2. ISSUING OFFICE Entomology Research Division		3. DATE 8/31/66	
You are authorized to incur travel expenses and other expenses indicated hereon on behalf of the United States in accordance with applicable laws, regulations and instructions and subject to the following limitations:			
4. TO Owen H. Graham	5. TITLE Research Entomologist		
6. OFFICIAL STATION Kerrville, Texas	7. APPROXIMATE DURATION (dates) FROM 9/12/66 TO 6/30/67		
8. ITINERARY OR TERRITORY From Kerrville, Texas, to Mexico, and return to Kerrville, Texas, as often as necessary during the remainder of Fiscal Year 1967.			
9. PURPOSE To conduct field investigations on cattle grubs, horn flies, ticks, lice, fleas, screw-worms, and other insects attacking livestock or poultry.			
10. Items below Applicable Under this Authority: 11(d), 12(d), 15, 18, and 19.			
11. Allowance of Actual Subsistence Expenses or Per Diem in Lieu Thereof: (a) Rate computed in accordance with III A of AM 351.2 (b) Fixed rate of \$ _____ for travel involving overnight absence (c) Fixed rate of \$ _____ for travel not involving overnight absence (d) In accordance with III A of AM 351.2 for travel in continental U.S., except \$ 14.00* will be allowed for purposes of Secs. 6.2c(1), 6.2c(2), and the last sentence of Sec. 6.2c(3), SGTR; maximum allowable by SGTR outside continental U.S. (e) \$ _____ in continental U.S.; maximum allowable by SGTR outside continental U.S. (f) Maximum allowable by SGTR (g) Actual subsistence expenses not to exceed \$ _____ per day (h) _____			
12. Travel by privately owned automobile at rate indicated below is advantageous to the Government: (a) _____ ¢ per mile plus parking fees, ferry fares, and bridge, road and tunnel tolls (b) _____ ¢ per mile when traveling alone, _____ ¢ per mile when accompanied by another person traveling on official U.S. Government business; per diem and official time are limited to period required for comparable common carrier travel; fees, fares and tolls will not be allowed. (c) _____ ¢ per mile in accordance with (a) above; or, where common carrier facilities are available and adequate for the trip, (d) see pg. 2 _____ ¢ per mile when alone or _____ ¢ per mile when accompanied by another in accordance with (b) above.			
13. Excess baggage			
14. Extra-fare common carrier facilities			
15. Employment of temporary personnel in accordance with AM 413.1			
16. Hire of special conveyance as specified: (a) Taxicabs locally, (b) Vehicle rental, (c) _____			
17. Miscellaneous expenses (Sec. 10, SGTR) as specified: _____			
18. Your assistants and associates holding Federal appointments are authorized as orally directed by you to travel and to incur all necessary expenses hereunder. All vouchers under this paragraph must bear your approval (if the addressee in item 4, above, is a position, rather than a named individual, the approval required must be indicated by both signature and title as shown in item 4).			
19. With reference to your travel and to the travel of assistants and associates holding Federal appointments, your signature as claimant or approving officer on related vouchers will serve as indicative of determination of advantage to the Government and/or the approval where required in Secs. 3.1b, 3.4, 3.5b, 5.2, 5.2a and 10 of SGTR.			
20. You may, by signed order, authorize travel of and delegate employment authority in accordance with 15 above to assistants and associates holding Federal appointments, subject to limitations of items 8 and 9 above and to applicable laws, regulations and instructions.			
*In accordance with 111 A of AM 351.2 for travel in continental U.S. except \$14.00 for travel by other than airplane, train or boat, between duty point in U.S. and border.			
This does not waive required Secretary's approval for attendance at international or foreign meetings.			
NAME AND TITLE OF AUTHORIZING OFFICIAL Acting Administrator		SIGNATURE 	

BFD FORM 128 AUG 1962 EXISTING STOCK OF BFD FORM 128, APR 1962 WILL BE USED UNTIL SUPPLY IS EXHAUSTED.

12. Travel by privately owned automobile at rate indicated below is advantageous to the Government: (See AM 351.3).
- (d) 1. 6¢ per mile within a radius of 1500 miles of official station where common carrier transportation is available and adequate for the trip or 9¢ per mile when accompanied by another official traveler; parking fees, ferry fares, bridge, road, and tunnel tolls will not be allowed; per diem and official time will be limited to period required for travel by common carrier.
2. 9¢ per mile in lieu of travel by common carrier involving destinations more than 1500 miles from official station; travel expenses and official time limited in accordance with Sec. 3.5b (2) SGTR.
3. 7¢ per mile when used in lieu of Government automobile and common carrier is not available or adequate for the trip.
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JUL 13 1966

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July 8, 1966

AIR MAIL

Dr. Nicolas Sanchez Duran,
Director General
Instituto Nacional de
Investigaciones Agricolas
Londres No. 40
Mexico 6, D. F.

Dear Dr. Duran:

There is enclosed, for your files, one manually signed copy of Cooperative Agreement No. 12-14-100-9023(33) between the Instituto Nacional de Investigaciones Agricolas, Secretaria de Agricultura y Ganaderia, Estados Unidos Mexicanos, and the United States Department of Agriculture, Agricultural Research Service, Entomology Research Division. This agreement covers studies on the physiology, behavior, and ecology of the screw-worm fly in Mexico.

Also enclosed are three copies of AS Form #1, which, if signed by you, will renew paragraphs B.1., and B.2., for the period July 1, 1966 through June 30, 1967. It would be appreciated if you would go over the contents of this renewal; and if it meets with your approval, please sign all three copies and return the two stapled copies in the enclosed window envelope. The remaining copy may be retained for your files.

In your letter of June 22, 1966 to me, you questioned the timing of payments under this cooperative agreement. The \$15,000 is the maximum amount that can be spent during the two-year period from June 30, 1966 through June 30, 1968. Payments will be made quarterly upon receipt of vouchers as described in paragraph C.2. of the agreement. Vouchers should be submitted through Dr. O. H. Graham of Kerrville, Texas, for forwarding to the Entomology Research Division.

Sincerely yours,

E. F. Knipling

E. F. Knipling, Director
Entomology Research Division

Enclosures 4

cc: W. C. McDuffie
O. H. Graham ✓

R. J. Anzelmo
C/A File

ARS:ENT:DENeidhaas:EJO'Connor:efj:c 7/7/66

COOPERATIVE AGREEMENT

Between

12-14-100- 4023 (33)

INSTITUTO NACIONAL DE INVESTIGACIONES AGRICOLAS
SECRETARIA DE AGRICULTURA Y GANADERIA
ESTADOS UNIDOS MEXICANOS

And

THE UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
ENTOMOLOGY RESEARCH DIVISION

THIS AGREEMENT is made and entered into by and between the Instituto Nacional de Investigaciones Agricolas, Secretaria de Agricultura y Ganaderia, Estados Unidos Mexicanos, hereinafter referred to as the Cooperator, and the United States Department of Agriculture, Agricultural Research Service, Entomology Research Division, hereinafter referred to as the Division.

WHEREAS, the Division and the Cooperator are engaged in research on the biology and control of insects affecting man and animals; and

WHEREAS, there is an urgent and current need for the research hereinafter set forth; and

WHEREAS, the Division and the Cooperator are both interested in studies on the physiology, behavior, and ecology, of the screw-worm fly in Mexico, and in developing improved methods for its control; and

WHEREAS, the parties desire to enter into this Cooperative Agreement for the purpose of intensifying and expanding this research; and

WHEREAS, the cooperative research to be conducted under this agreement will be cooperatively planned and conducted; and

WHEREAS, it is the intention of the parties hereto that the cooperation outlined in this agreement shall be for their mutual benefit and the benefit of the people of the United States and Mexico;

NOW, THEREFORE, for and in consideration of the promises and mutual covenants herein contained, the parties hereto do hereby mutually agree with each other as follows.

A The Cooperator Agrees:

1 To conduct, at Cotaxtla, Veracruz, Mexico, and such other locations as may be mutually agreed upon, research on the screw-worm. Studies will include the following:

a To maintain trap sites for collecting screw-worms.

b To evaluate promising attractants, lures, and traps for the screw-worm.

